

DOWNLINK CHANNEL HANDLING WITHIN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM

Publication number: JP2001515300 (T)

Publication date: 2001-09-18

Inventor(s):

Applicant(s):

Classification:

- international: H04J13/04; H04B7/26; H04Q7/38; H04J13/02; H04B7/26; H04Q7/38; (IPC1-7): H04J13/04; H04Q7/38

- European: H04B7/26S

Application number: JP20000509174T 19980828

Priority number(s): WO1998SE01539 19980828; US19970924709 19970829

Also published as:

WO9912282 (A1)

ZA9807255 (A)

US5956368 (A)

TW480853 (B)

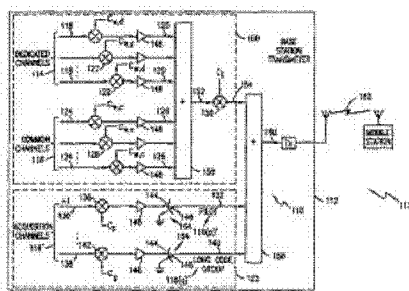
RU2209514 (C2)

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Abstract not available for JP 2001515300 (T)

Abstract of corresponding document: WO 9912282 (A1)

With respect to a direct sequence, code division multiple access spread spectrum transmitter, symbol information relating to dedicated/common channels (114, 116) (such as the traffic or control channels) is spread to generate a plurality of corresponding dedicated/common channel intermediate signals. These intermediate signals are then summed (150) to generate an output signal (152) that is scrambled by a selected scrambling code. Symbol information relating to acquisition-related channels (such as synchronization information or the pilot or long code group code channels) (116) is also spread to generate a plurality of corresponding acquisition-related intermediate signals. These acquisition-related intermediate signals are then selectively (164) added (158) to the scrambled output signal producing a downlink signal (160) for multi-channel transmission over a communications medium (162) sharing one transmission communications frequency.



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